

Converting Colors

XYZ(73.4084, 65.9959,
103.4772)

Have a look what the booklet for
XYZ(73.4084, 65.9959, 103.4772)
contains.

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Color

**XYZ(73.3985, 66.0714,
103.4923)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC7FF
RGB	237, 199, 255
RGB Percent	93%, 78%, 100%
CMY	0.0706, 0.2196, 0.0000
CMYK	0.07, 0.22, 0.00, 0.00
HSL	281°, 100%, 89%
HSV	281°, 22%, 100%
XYZ	73.3985, 66.0714, 103.4923
YIQ	216.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

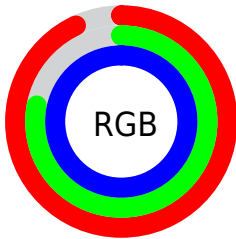
Format	Color
R _Y B	237, 199, 255
Decimal	15583231
CIE Lab	85.03, 23.24, -22.45
CIE LCh	85, 32.311, 315.991
Yxy	66.0714, 0.3021, 0.2719
Android (android.graphics.Color)	4293773311 (0xFFEDC7FF)
YUV	216.7460, 18.8592, 17.7628
Hunter-Lab	81.2843, 18.9352, -18.5898

Details

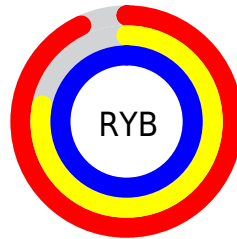
The XYZ color **73.3985, 66.0714, 103.4923** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.6856, 90.3960, 67.5478**, and the grayscale version is **65.6540, 69.0731, 75.2206**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3745, 34.1518, 57.9428** is the 20% darker color. If you saturate the color by 10%, you get **65.3418, 53.9274, 101.5729**, and if you desaturate by 10%, it is **82.5671, 80.2515, 105.7461**.

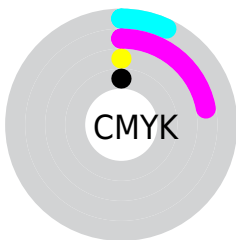
Distribution



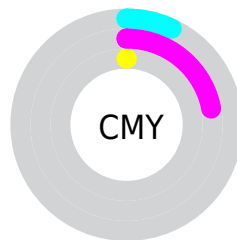
- Red (93%)
- Green (78%)
- Blue (100%)



- Red (93%)
- Yellow (78%)
- Blue (100%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3985, 66.0714, 103.4923 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.3985, 66.0714, 103.4923 by changing the saturation by 10% instead.

73.3985, 66.0714,
103.4923

73.3985, 66.0714,
103.4923

461.4772,
446.6322, 592.6743

54.5914, 48.3304,
78.5872

123.0429,
113.5888, 168.0418

39.3072, 34.0886,
58.0372

154.6108,
144.1340, 208.5232

27.1806, 22.9617,
41.4236

191.1631,
179.7160, 255.0339

17.8462, 14.5652,
28.3281

233.0651,
220.7192, 307.9923

10.9386, 8.5148,
18.3319

280.6822,
267.5280, 367.8170

6.0926, 4.4261,
11.0166

334.3797,

2.9427, 1.9147,

320.5269, 434.9266

5.9637

394.5229,
380.1001, 509.7394

■ 1.1235, 0.5572,
2.7546

■ 0.0446, 0.0000,
0.9707

■ 73.3985, 66.0714,
103.4923

■ 73.3985, 66.0714,
103.4923

■ 65.3418, 53.9274,
101.5729

■ 82.5671, 80.2515,
105.7461

■ 58.3407, 43.7124,
99.9702

■ 92.8891, 96.5513,
108.3482

■ 52.3424, 35.3220,
98.6668

95.0500, 100.0000,
108.9000

■ 47.2865, 28.6384,
97.6432

■ 43.1058, 23.5295,
96.8775

■ 39.7230, 19.8435,
96.3443

■ 37.0451, 17.3970,
96.0132

■ 35.2918, 16.1085,
95.8569

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7290, 66.0714, 117.6939



73.3985, 66.0714, 103.4923



77.3611, 66.0714, 82.0730

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3985, 66.0714, 103.4923



66.2438, 66.0714, 39.6697



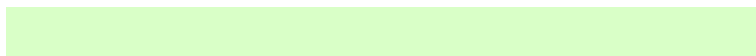
50.2972, 66.0714, 83.5422

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.3985, 66.0714, 103.4923



74.6856, 90.3960, 67.5478

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.1893, 66.0714, 62.6784



73.3985, 66.0714, 103.4923



59.0262, 66.0714, 39.9112

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3985, 66.0714, 103.4923



73.0198, 66.0714, 46.8182



53.2723, 66.0714, 47.5575



53.5793, 66.0714, 104.7453

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3985, 66.0714, 103.4923



77.7518, 66.0714, 67.8425



53.2723, 66.0714, 47.5575



49.8976, 66.0714, 76.2003

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.4004, 66.0741, 103.4927



87.5382, 88.0633, 106.9919



66.5905, 69.3347, 104.4810



18.6040, 18.6396, 22.8672



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4004, 66.0741, 103.4927



70.0130, 60.9262, 102.6776



78.2482, 68.7427, 96.0660



18.1917, 17.9906, 22.7637



18.6034, 8.5009, 50.0949



1.9255, 0.8865, 4.8829

Inverse Universe

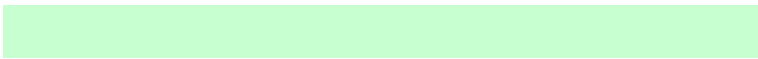
The Inverse Universe completely reimagines the original color for something new.



74.1894, 67.1192, 74.6929



71.0073, 62.1799, 69.2389



70.7414, 88.2335, 73.1949



18.2500, 18.0833, 19.9335



22.4039, 11.4508, 5.5113



2.2288, 1.1339, 0.7864

Previews

White Background



This preview shows how the XYZ color 73.3985, 66.0714, 103.4923 looks on a white background.

Color Contrast Check

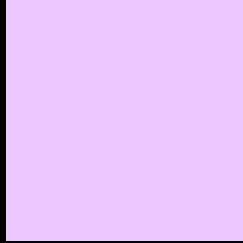
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.3985, 66.0714, 103.4923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

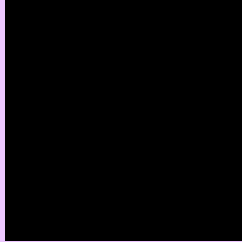
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3985, 66.0714, 103.4923

Background



This preview shows how black text looks on a background with the XYZ color 73.3985, 66.0714, 103.4923.



This preview shows how white text looks on a background with the XYZ color 73.3985, 66.0714,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.3985, 66.0714, 103.4923

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.7261, 66.3497, 102.1657



Tritanopia

68.1612, 66.0389, 77.5609

Trichromacy



Original Color

73.3985, 66.0714, 103.4923

Protanomaly

68.3872, 66.2927, 103.7991

Deuteranomaly

69.8449, 66.3480, 102.8912

Tritanomaly

69.9956, 66.0875, 86.1578

Monochromacy



Original Color

73.3985, 66.0714, 103.4923

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.2109, 67.7100, 85.0755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3985, 66.0714, 103.4923 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 199, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.3985, 66.0714, 103.4923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 199, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 199, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3985, 66.0714, 103.4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 199, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
199, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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